

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/775,973

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 04/07/2005

PATENT APPLICATION: US/10/775,973

TIME: 11:05:37

Input Set : N:\Crf3\RULE60\10775973.raw.txt

Output Set: N:\CRF4\04072005\J775973.raw

```

1 <110> APPLICANT: Stanton, Lawrence W.
2     Kapoun, Ann Marie
3 <120> TITLE OF INVENTION: SECRETED FACTORS
4 <130> FILE REFERENCE: SCIOS.014A
5 <140> CURRENT APPLICATION NUMBER: US/10/775,973
6 <141> CURRENT FILING DATE: 2004-02-09
7 <150> PRIOR APPLICATION NUMBER: US/09/665,976
8 <151> PRIOR FILING DATE: 2000-09-20
9 <150> PRIOR APPLICATION NUMBER: 60/156,280
10 <151> PRIOR FILING DATE: 1999-09-27
11 <160> NUMBER OF SEQ ID NOS: 19
12 <170> SOFTWARE: FastSEQ for Windows Version 4.0
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 236
16 <212> TYPE: PRT
17 <213> ORGANISM: Rattus norvegicus
18 <400> SEQUENCE: 1
19     Met Lys Ala Leu Arg Ala Val Leu Leu Ile Leu Leu Leu Ser Gly Gln
20         1             5             10             15
21     Pro Gly Ser Ser Trp Ala Gln Glu Ala Gly Asp Val Asp Leu Glu Leu
22         20             25             30
23     Glu Arg Tyr Ser Tyr Asp Asp Asp Gly Asp Asp Asp Asp Asp Asp Asp
24         35             40             45
25     Glu Glu Glu Glu Glu Glu Glu Thr Asn Met Ile Pro Gly Ser Arg Asp
26         50             55             60
27     Arg Ala Pro Pro Leu Gln Cys Tyr Phe Cys Gln Val Leu His Ser Gly
28         65             70             75             80
29     Glu Ser Cys Asn Glu Thr Gln Arg Cys Ser Ser Ser Lys Pro Phe Cys
30         85             90             95
31     Ile Thr Val Ile Ser His Gly Lys Thr Asp Thr Gly Val Leu Thr Thr
32         100            105            110
33     Tyr Ser Met Trp Cys Thr Asp Thr Cys Gln Pro Ile Val Lys Thr Val
34         115            120            125
35     Asp Ser Thr Gln Met Thr Gln Thr Cys Cys Gln Ser Thr Leu Cys Asn
36         130            135            140
37     Ile Pro Pro Trp Gln Ser Pro Gln Ile His Asn Pro Leu Gly Gly Arg
38         145            150            155            160
39     Ala Asp Ser Pro Leu Lys Gly Gly Thr Arg His Pro Gln Gly Asp Arg
40         165            170            175
41     Phe Ser His Pro Gln Val Val Lys Val Thr His Pro Gln Ser Asp Gly
42         180            185            190
43     Ala His Leu Ser Lys Gly Gly Lys Ala Asn Gln Pro Gln Gly Asn Gly
44         195            200            205

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45      Ala Gly Phe Pro Ala Gly Trp Ser Lys Phe Gly Asn Val Val Leu Leu
46          210                      215                      220
47      Leu Thr Phe Leu Thr Ser Leu Trp Ala Ser Gly Ala
48          225                      230                      235
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 874
52 <212> TYPE: DNA
53 <213> ORGANISM: Rattus norvegicus
54 <220> FEATURE:
55 <221> NAME/KEY: CDS
56 <222> LOCATION: (42)...(749)
57 <400> SEQUENCE: 2
58      tctagcgaac cccttcggtg gacagaacag cctgagtcag g atg aaa gct ctc agg 56
59                                     Met Lys Ala Leu Arg
60                                     1           5
61      gct gtc ctc ctg atc ttg cta ctc agt gga cag cca ggg agc agc tgg 104
62      Ala Val Leu Leu Ile Leu Leu Leu Ser Gly Gln Pro Gly Ser Ser Trp
63          10                      15                      20
64      gca caa gaa gct ggc gat gtg gac ctg gag cta gag cgc tac agc tac 152
65      Ala Gln Glu Ala Gly Asp Val Asp Leu Glu Leu Glu Arg Tyr Ser Tyr
66          25                      30                      35
67      gat gat gac ggt gat gac gat gat gac gat gat gaa gaa gag gaa gag 200
68      Asp Asp Asp Gly Asp Asp Asp Asp Asp Asp Asp Glu Glu Glu Glu Glu
69          40                      45                      50
70      gag gag acc aac atg atc cct ggc agc agg gac aga gca ccg cct cta 248
71      Glu Glu Thr Asn Met Ile Pro Gly Ser Arg Asp Arg Ala Pro Pro Leu
72          55                      60                      65
73      cag tgc tac ttc tgc caa gtg ctt cac agc ggg gag agc tgc aac gag 296
74      Gln Cys Tyr Phe Cys Gln Val Leu His Ser Gly Glu Ser Cys Asn Glu
75          70                      75                      80                      85
76      aca cag aga tgc tcc agc agc aag ccc ttc tgt atc aca gtc atc tcc 344
77      Thr Gln Arg Cys Ser Ser Lys Pro Phe Cys Ile Thr Val Ile Ser
78          90                      95                      100
79      cat ggc aaa act gac aca ggt gtc ctg acg acc tac tcc atg tgg tgt 392
80      His Gly Lys Thr Asp Thr Gly Val Leu Thr Thr Tyr Ser Met Trp Cys
81          105                      110                      115
82      act gat acc tgc cag ccc atc gtg aag aca gtg gac agc acc caa atg 440
83      Thr Asp Thr Cys Gln Pro Ile Val Lys Thr Val Asp Ser Thr Gln Met
84          120                      125                      130
85      acc cag acc tgt tgc cag tcc aca ctc tgc aat att cca ccc tgg cag 488
86      Thr Gln Thr Cys Cys Gln Ser Thr Leu Cys Asn Ile Pro Pro Trp Gln
87          135                      140                      145
88      agc ccc caa atc cac aac cct ctg ggt ggc cgg gca gac agc ccc ttg 536
89      Ser Pro Gln Ile His Asn Pro Leu Gly Gly Arg Ala Asp Ser Pro Leu
90          150                      155                      160                      165
91      aag ggt ggg acc aga cat cct caa ggt gac agg ttt agc cac ccc cag 584
92      Lys Gly Gly Thr Arg His Pro Gln Gly Asp Arg Phe Ser His Pro Gln
93          170                      175                      180
94      gtt gtc aag gtt act cat cct cag agt gat ggg gct cac ttg tct aag 632

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```

95      Val Val Lys Val Thr His Pro Gln Ser Asp Gly Ala His Leu Ser Lys
96              185                      190                      195
97      ggt ggc aag gct aac cag ccc cag gga aat ggg gcc gga ttc cct gca      680
98      Gly Gly Lys Ala Asn Gln Pro Gln Gly Asn Gly Ala Gly Phe Pro Ala
99              200                      205                      210
100     ggc tgg agc aaa ttt ggt aac gta gtt ctc ctg ctc acc ttc ctc acc      728
101     Gly Trp Ser Lys Phe Gly Asn Val Val Leu Leu Leu Thr Phe Leu Thr
102             215                      220                      225
103     agt ctg tgg gca tca ggg gcc taaagactcg tcctccccca accaggaccc      779
104     Ser Leu Trp Ala Ser Gly Ala
105     230                      235
106     ttcagccttt cctccctgac aaccagcttc agagaataaa cttgaatgtc ttttgccatc 839
107     taaaaaaaaa aaaaaaaaaa aaaaaagcgg ccgcc      874
109 <210> SEQ ID NO: 3
110 <211> LENGTH: 25
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic
115 <400> SEQUENCE: 3
116     cgtatgttgt gtggaattgt gagcg      25
118 <210> SEQ ID NO: 4
119 <211> LENGTH: 25
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: synthetic
124 <400> SEQUENCE: 4
125     gatgtgctgc aaggcgatta agttg      25
127 <210> SEQ ID NO: 5
128 <211> LENGTH: 28
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: synthetic
133 <400> SEQUENCE: 5
134     gccgccagtg tgctggaatt cggctagc      28
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 28
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: synthetic
142 <400> SEQUENCE: 6
143     cgaattctgc agatatccat cacactgg      28
145 <210> SEQ ID NO: 7
146 <211> LENGTH: 25
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence

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149 <220> FEATURE:
150 <223> OTHER INFORMATION: synthetic
151 <400> SEQUENCE: 7
152      ctagagggcc caattcgccc tatag      25
154 <210> SEQ ID NO: 8
155 <211> LENGTH: 25
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: synthetic
160 <400> SEQUENCE: 8
161      tgagtcgtat tacaattcac tggcc      25
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: synthetic
169 <400> SEQUENCE: 9
170      gctcggatcc actagtaacg      20
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 18
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: synthetic
178 <400> SEQUENCE: 10
179      tttttttttt tttttttt      18
181 <210> SEQ ID NO: 11
182 <211> LENGTH: 25
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: synthetic
187 <400> SEQUENCE: 11
188      cgtatgttgt gtggaattgt gagcg      25
190 <210> SEQ ID NO: 12
191 <211> LENGTH: 25
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: synthetic
196 <400> SEQUENCE: 12
197      gatgtgctgc aaggcgatta agttg      25
199 <210> SEQ ID NO: 13
200 <211> LENGTH: 22
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:

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204 <223> OTHER INFORMATION: synthetic
205 <400> SEQUENCE: 13
206      gctgcaacga gacacagaga tg                                22
208 <210> SEQ ID NO: 14
209 <211> LENGTH: 21
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: synthetic
214 <400> SEQUENCE: 14
215      cagttttgcc atgggagatg a                                21
217 <210> SEQ ID NO: 15
218 <211> LENGTH: 26
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: synthetic
223 <400> SEQUENCE: 15
224      ccagcagcaa gcccttctgt atcaca                            26
226 <210> SEQ ID NO: 16
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: synthetic
232 <400> SEQUENCE: 16
233      cggctaccac atccaaggaa                                    20
235 <210> SEQ ID NO: 17
236 <211> LENGTH: 18
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: synthetic
241 <400> SEQUENCE: 17
242      gctggaatta ccgcggct                                    18
244 <210> SEQ ID NO: 18
245 <211> LENGTH: 22
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: synthetic
250 <400> SEQUENCE: 18
251      tgctggcacc agacttgccc tc                                22
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 874
255 <212> TYPE: DNA
256 <213> ORGANISM: Rattus norvegicus
257 <400> SEQUENCE: 19
258      agatcgcttg ggaagccac ctgtcttgtc ggactcagtc ctactttcga gagtccccgac 60

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**VERIFICATION SUMMARY**

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